



1
SEQUENCE LISTING

<110> Fischer, Peter Martin
Zhelev, Nikolai

<120> Transport Vectors

<130> CCI-010

<140> 09/438,460

<141> 1999-11-12

<150> GB 9825000.4

<151> 1998-11-13

<150> GB 9825001.2

<151> 1998-11-13

<150> GB 9902525.6

<151> 1999-02-04

<150> GB 9902522.3

<151> 1999-02-04

<150> GB 9914578.1

<151> 1999-06-22

<150> PCT/GB99/03750

<151> 1999-11-11

<160> 66

<170> PatentIn Ver. 2.1

<210> 1

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<213> Drosophila melanogaster

<400> 1

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

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<210> 2
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<223> AMIDATION; the carboxy terminal lysine residue may have its carboxyl group converted into an carboxamide group.

<400> 2
Arg Arg Met Lys Trp Lys Lys
1 5

B31
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<400> 3
Arg Arg Met Trp Lys Lys Lys
1 5

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<223> Xaa is norleucine ornithine

<220>
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1 5

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<220>
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<400> 5
Arg Arg Xaa Trp Lys Lys Lys
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B31

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Asn Arg Arg Met Lys Trp Lys Lys
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Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
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B31

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Lys Arg Met Lys Trp Lys Lys
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Arg Arg Gln Lys Trp Lys Lys
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B31
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Arg Arg Met Lys Gln Lys Lys
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<400> 14
Arg Arg Met Lys Trp Phe Lys
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Arg Xaa Arg Lys Trp Lys Lys
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<400> 16
Arg Arg Met Trp Lys Lys Lys
1 5

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Arg Arg Met Lys Lys Trp Lys
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Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15

Lys

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B31
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1 5 10 15

Lys

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Ala Arg Ala Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15

Lys

<210> 22
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Ala Arg Gln Ala Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15

Lys

b31
<210> 23
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<400> 23
Ala Arg Gln Ile Ala Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
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Lys

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<400> 24
Ala Arg Gln Ile Lys Ala Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15

Lys

B31

<210> 25
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<400> 25
Ala Arg Gln Ile Lys Ile Ala Phe Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15

Lys

<210> 26
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<400> 26
Ala Arg Gln Ile Lys Ile Trp Ala Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15
Lys

B31

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Ala Arg Gln Ile Lys Ile Trp Phe Ala Asn Arg Arg Met Lys Trp Lys
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Lys

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B31
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1 5 10 15

Lys

<210> 29
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Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Ala Arg Met Lys Trp Lys
1 5 10 15

Lys

<210> 30
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B31

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Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Ala Met Lys Trp Lys
1 5 10 15

Lys

<210> 31
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Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Ala Lys Trp Lys
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Lys

<210> 32
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<400> 32
Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Ala Trp Lys
1 5 10 15

B31
Lys

<210> 33
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<400> 33
Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Ala Lys
1 5 10 15

Lys

<210> 34
<211> 17
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B31
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Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Ala
1 5 10 15

Lys

<210> 35
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<400> 35
Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15

Ala

<210> 36
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Lys Lys Trp Lys Xaa Arg Arg
1 5

B31

<210> 37
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<400> 37
Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15

<210> 38
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<220>
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<220>
<223> Description of Artificial Sequence: Synthetic
sequence

B31
<400> 38
Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp
1 5 10 15

<210> 39
<211> 14
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sequence

<400> 39
Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys
1 5 10

<210> 40
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B31
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<210> 41
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<400> 41
Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg
1 5 10

<210> 42
<211> 11
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B31
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Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg
1 5 10

<210> 43
<211> 10
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<400> 43
Ala Arg Gln Ile Lys Ile Trp Phe Gln Asn
1 5 10

<210> 44
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<213> Artificial Sequence

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<220>
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<400> 44
Ala Arg Gln Ile Lys Ile Trp Phe Gln
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B31

<210> 45
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<220>
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<400> 45
Ala Arg Gln Ile Lys Ile Trp
1 5

<210> 46
<211> 16
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<220>
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<400> 46
Ala Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

B31

<210> 47
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<400> 47
Ala Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 48
<211> 14
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<400> 48
Ala Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10

B31
<210> 49
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<400> 49

Ala Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10

<210> 50
<211> 12
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B31
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Ala Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10

<210> 51
<211> 11
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<220>
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<400> 51
Ala Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10

<210> 52
<211> 10
<212> PRT
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B31
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Ala Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10

<210> 53
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<400> 53
Ala Asn Arg Arg Met Lys Trp Lys Lys
1 5

<210> 54
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sequence

B
31
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Ala Arg Arg Met Lys Trp Lys Lys
1 5

<210> 55
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<220>
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<400> 55
Ala Arg Met Lys Trp Lys Lys
1 5

<210> 56
 <211> 16
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 <220>
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 sequence

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 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Xaa Lys Trp Lys Lys
 1 5 10 15

B31
 <210> 57
 <211> 16
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 <220>
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 <220>
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 sequence

 <400> 57
 Lys Lys Trp Lys Xaa Arg Arg Asn Gln Phe Trp Ile Lys Ile Gln Arg
 1 5 10 15

<210> 58
 <211> 16
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 sequence

 <400> 58
 Arg Gln Ile Lys Ile Trp Phe Pro Asn Arg Arg Met Lys Trp Lys Lys
 1 5 10 15

<210> 59
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
sequence

<400> 59
Arg Gln Pro Ile Lys Ile Trp Phe Pro Asn Arg Arg Met Pro Trp Lys
1 5 10 15

Lys

<210> 60
<211> 16
<212> PRT
<213> Artificial Sequence

B31
<220>
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sequence

<400> 60
Arg Gln Ile Lys Ile Phe Phe Gln Asn Arg Arg Met Lys Phe Lys Lys
1 5 10 15

<210> 61
<211> 9
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Cys Ala Arg Arg Met Lys Trp Lys Lys
1 5

<210> 62
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sequence

<400> 62
Cys Arg Arg Met Lys Trp Lys Lys Cys
1 5

B31
<210> 63
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<220>
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sequence

<400> 63
Cys Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
1 5 10 15
Lys Gly Cys Gly
20

<210> 64
<211> 16
<212> PRT
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<220>
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variant

<400> 64
Lys Trp Lys Lys Lys Trp Lys Lys Trp Lys Lys Trp Lys Lys Trp Lys Lys
1 5 10 15

<210> 65
<211> 12
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
sequence

<400> 65
Lys Trp Lys Lys Lys Trp Lys Lys Gly Gly Cys
1 5 10

b31
<210> 66
<211> 4
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic
sequence

<400> 66
Lys Trp Lys Lys
1
